

**REMARKS**

[0001] Claims 1-30 are pending in the case. In the Office Action, Claim 24 were rejected under 35 U.S.C. §112. Claims 1-3, 6, 8, 13-15, 18-21, and 24-30 were rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,658,533 to Bogin, et al. (hereinafter "Bogin") in view of U.S. Patent No. 6,922,754 to Liu, et al. (hereinafter "Liu"). Claims 4, 7-10, 12, and 22 were rejected under 35 U.S.C. §103(a) as being unpatentable over Bogin and Liu in further view of U.S. Patent No. 6,742,084 to Defouw, et al. (hereinafter "Defouw"). Claims 5, 11, 17, and 23 were objected to as being dependent upon rejected independent Claims 1, 7, 13, and 19 respectively. Claim 24 was objected to for informalities dealing with claim dependency identification.

[0002] Applicants have amended Claim 1, 7-8, 13, 19, 24-25, and 28 for clarification of the claims. For further clarification of Independent Claims 1, 7, 13, 19, 25, and 28 have been amended to include subject matter from allowable dependent Claims 5, 11, 17, and 19. Consequently, Claims 5, 11, 17, and 19 have been canceled. No new matter has been added.

**AMENDED CLAIMS**

[0003] Applicants amended Claim 1 to incorporate all of the limitations of Claim 5 and cancelled Claim 5. No new matter was added.

[0004] Applicants amended Claim 7 to incorporate all of the limitations of Claim 11 and cancelled Claim 11. No new matter was added.

[0005] Applicants amended Claim 1 to incorporate all of the limitations of Claim 17 and cancelled Claim 17. No new matter was added.

[0006] Applicants amended Claim 19 to incorporate all of the limitations of Claim 23 and cancelled Claim 23. No new matter was added.

[0007] Applicants amended Claims 25 and 28 to incorporate limitations from Claims 5, 11, 17, and 23. No new matter was added.

[0008] Applicants have amended the listed claims by incorporating previously included claims verbatim and have not added any new matter.

#### **CLAIM REJECTIONS UNDER 35 U.S.C. §112**

[0009] The Office Action rejected Claim 8 as indefinite for reciting the limitation “the order used under the second scheme” without antecedent basis. Correspondingly, Applicants amended Claim 8 to read “an order used under the second scheme.” The amendment resolves the rejection under 35 U.S.C. §112 and Applicants respectfully assert that Claim 8 is in condition for prompt allowance.

#### **CLAIM REJECTIONS UNDER 35 U.S.C. §103(a)**

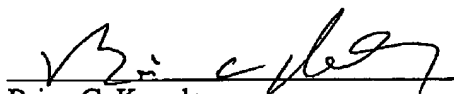
[0010] Claims 1-3, 6, 8, 13-15, 18-21, and 24-30 were rejected under 35 U.S.C. §103(a) as being unpatentable over Bogin in view of Liu. Claims 4, 7-10, 12, and 22 were rejected under 35 U.S.C. §103(a) as being unpatentable over Bogin and Liu in further view of Defouw. Independent Claims 1, 7, 13, 19, 25, and 28 now include the limitations of allowable Claims 5, 11, 17, and 23. Hence, the rejections under §103(a) no longer applies to independent Claims 1, 7, 13, 19, 25, and 28. Furthermore, dependent Claims 2-4, 6, 8-10, 12, 14-16, 18, 20-22, 24, 26-27, and

29-30 are allowable based on their dependence on allowable independent Claims 1, 7, 13, 19, 25, and 28.

### CONCLUSION

[0011] As a result of the presented amendments and remarks, Applicants assert that Claims 1-4, 6-10, 12-16, 18-22, and 24-30 are patentable and in condition for prompt allowance. In the event any questions remain, the Examiner is respectfully requested to initiate a telephone conference with the undersigned.

Respectfully submitted,



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